L Number	Hits	Search Text	DB	Time stamp
l	31	428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)	USPAT;	2004/05/04 14:56
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same	US-PGPUB; EPO; JPO;	
		substrate)))	DERWENT	
2	11	428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)	USPAT;	2004/05/04 14:56
-	• •	and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia	US-PGPUB;	200 11 007 01 71.50
		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide))) same	EPO; JPO;	
		substrate))	DERWENT	
3	20	(428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)	USPAT;	2004/05/04 14:57
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia	US-PGPUB;	
		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same	EPO; JPO; DERWENT	
		substrate)))) not (428/391,447.ccls. and (((organosilane near polymer) polycarbosilane) and (((metal near oxide) silica siO?sub.2 tiO?sub.2	DERWENT	
		titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide		
		dioxide))) same substrate)))		
4	47	(((((organosilane near polymer) polycarbosilane) same ((silica siO?sub.2	USPAT;	2004/05/04 14:57
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	US-PGPUB;	
		near (oxide dioxide))) same (treated coated modified covered treating	EPO; JPO;	
		coating modifying covering))) and (chromatography chromatographic))	DERWENT	
		((((organosilane near polymer) polycarbosilane) and (((metal near oxide)		
		silica siO?sub.2 tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide))) same substrate)) and (chromatography		
		chromatographic))) not (428/391,447.ccls. and (((organosilane near		
		polymer) polycarbosilane) and (((metal near oxide) silica siO?sub.2		
,		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium zirconium) near		
		(oxide dioxide)) same substrate))))		
5	1	octylallylchlorosilane	USPAT;	2004/05/04 14:57
			US-PGPUB;	
			EPO; JPO;	
6	13	((arganagilana naar natumar) natuaarkagilana) and (((ailiaa ai@?auk 2	DERWENT	2004/05/04 14-59
0	13	((organosilane near polymer) polycarbosilane) and (((silica siO?sub.2 tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	USPAT; US-PGPUB;	2004/05/04 14:58
		near (oxide dioxide))) same (treated coated modified covered treating	EPO; JPO;	
		coating modifying covering)) same ((packaging solid packing) near	DERWENT	
		(phase material)))		
7	150	(((organosilane near polymer) polycarbosilane) and (((metal near oxide)	USPAT;	2004/05/04 14:58
		silica siO?sub.2 tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium	US-PGPUB;	
		zirconium) near (oxide dioxide))) same substrate)) not	EPO; JPO;	
		((428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)	DERWENT	
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same		
		substrate)))) (428/391,447.ccls. and (((organosilane near polymer)		
		polycarbosilane) and (((metal near oxide) silica siO?sub.2 tiO?sub.2		
		titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide		
		dioxide))) same substrate))) ((((((organosilane near polymer)		
		polycarbosilane) same ((silica siO?sub.2 tiO?sub.2 titania zirconia		
		zrO?sub.2 ((silicon metal titanium zirconium) near (oxide dioxide))) same		
		(treated coated modified covered treating coating modifying covering))) and (chromatography chromatographic)) ((((organosilane near polymer)		
		polycarbosilane) and (((metal near oxide) silica siO?sub.2 tiO?sub.2		
		titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide		
		dioxide))) same substrate)) and (chromatography chromatographic))) not		
		(428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)		
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia		
		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same		
		substrate))))) octylallylchlorosilane (((organosilane near polymer)		
		polycarbosilane) and (((silica siO?sub.2 tiO?sub.2 titania zirconia		
		zrO?sub.2 ((silicon metal titanium zirconium) near (oxide dioxide))) same		
		(treated coated modified covered treating coating modifying covering)) same ((packaging solid packing) near (phase material)))) (((organosilane		
		near polymer) polycarbosilane) and (((silica siO?sub.2 tiO?sub.2 titania		
		zirconia zrO?sub.2 ((silicon metal titanium zirconium) near (oxide		
		dioxide))) same (treated coated modified covered treating coating		
		modifying covering)) same (support near material))))		

			Lugnum	
8	49	((organosilane near polymer) polycarbosilane) same ((silica siO?sub.2	USPAT;	2004/05/04 14:58
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	US-PGPUB;	
		near (oxide dioxide))) same substrate)	EPO; JPO;	
_			DERWENT	2004/05/04 14 50
9	19	(((silalkylene organosilicon) near polymer) silalkylenesiloxane	USPAT;	2004/05/04 14:59
		polysilalkylenesiloxane polydialkylsilalkylene) same ((silica siO?sub.2	US-PGPUB;	
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	EPO; JPO;	
		near (oxide dioxide))) same substrate)	DERWENT	
10	206	((organosilane near polymer) polycarbosilane) near polysilane	USPAT;	2004/05/04 14:59
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
11	31	428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)	USPAT;	2004/05/04 14:59
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia	US-PGPUB;	
		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same	EPO; JPO;	
		substrate)))	DERWENT	
12	11	428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)	USPAT;	2004/05/04 14:59
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia	US-PGPUB;	
!		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide))) same	EPO; JPO;	
		substrate))	DERWENT	
13	20	(428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)	USPAT;	2004/05/04 14:59
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia	US-PGPUB;	
	İ	zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same	EPO; JPO;	
		substrate)))) not (428/391,447.ccls. and (((organosilane near polymer)	DERWENT	
		polycarbosilane) and (((metal near oxide) silica siO?sub.2 tiO?sub.2	DEICH BICK	
		titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide		
		dioxide))) same substrate)))		
14	47	(((((organosilane near polymer) polycarbosilane) same ((silica siO?sub.2	USPAT;	2004/05/04 14:59
1 7	1	tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	US-PGPUB;	2001/05/01 11:59
		near (oxide dioxide))) same (treated coated modified covered treating	EPO; JPO;	
		coating modifying covering))) and (chromatography chromatographic))	DERWENT	
		((((organosilane near polymer) polycarbosilane) and (((metal near oxide)	DEKWENT	
		silica siO?sub.2 tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium	į	
		zirconium) near (oxide dioxide))) same substrate)) and (chromatography		
		chromatographic))) not (428/391,447.ccls. and (((organosilane near		
		polymer) polycarbosilane) and (((metal near oxide) silica siO?sub.2		
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium zirconium) near	İ	
		· ''		
1.5	1.2	(oxide dioxide)) same substrate))))	LICDAT.	2004/05/04 14:50
15	13	((organosilane near polymer) polycarbosilane) and (((silica siO?sub.2	USPAT;	2004/05/04 14:59
•		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	US-PGPUB;	
		near (oxide dioxide))) same (treated coated modified covered treating	EPO; JPO;	
1		coating modifying covering)) same ((packaging solid packing) near	DERWENT	
	_	(phase material)))		0004/05/01
16	3	((organosilane near polymer) polycarbosilane) and (((silica siO?sub.2	USPAT;	2004/05/04 14:59
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	US-PGPUB;	
		near (oxide dioxide))) same (treated coated modified covered treating	EPO; JPO;	
		coating modifying covering)) same (support near material))	DERWENT	

	150	(((organosilane near polymer) polycarbosilane) and (((metal near oxide)	USPAT;	2004/05/04 15:00
		silica siO?sub.2 tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium	US-PGPUB;	
		zirconium) near (oxide dioxide))) same substrate)) not	EPO; JPO;	
		((428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)	DERWENT	
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same		
		substrate)))) (428/391,447.ccls. and (((organosilane near polymer)		
		polycarbosilane) and (((metal near oxide) silica siO?sub.2 tiO?sub.2		
		titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide		
		dioxide))) same substrate))) ((((((organosilane near polymer)		
		polycarbosilane) same ((silica siO?sub.2 tiO?sub.2 titania zirconia		
		zrO?sub.2 ((silicon metal titanium zirconium) near (oxide dioxide))) same		
		(treated coated modified covered treating coating modifying covering)))		
		and (chromatography chromatographic)) ((((organosilane near polymer)		
		polycarbosilane) and (((metal near oxide) silica siO?sub.2 tiO?sub.2		
		titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide		
		dioxide))) same substrate)) and (chromatography chromatographic))) not		
	,	(428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)		
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia		
		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same substrate))))) octylallylchlorosilane (((organosilane near polymer)		
		polycarbosilane) and (((silica siO?sub.2 tiO?sub.2 titania zirconia		
		zrO?sub.2 ((silicon metal titanium zirconium) near (oxide dioxide))) same		
		(treated coated modified covered treating coating modifying covering))		
		same ((packaging solid packing) near (phase material)))) (((organosilane		
		near polymer) polycarbosilane) and (((silica siO?sub.2 tiO?sub.2 titania		
		zirconia zrO?sub.2 ((silicon metal titanium zirconium) near (oxide		
		dioxide))) same (treated coated modified covered treating coating		
		modifying covering)) same (support near material))))		
18	299	(((organosilane near polymer) polycarbosilane) same (((metal near oxide)	USPAT;	2004/05/04 15:00
	İ	silica siO?sub.2 tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium	US-PGPUB;	
		zirconium) near (oxide dioxide)) same substrate))) not ((428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)	EPO; JPO; DERWENT	
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia	DEKWENI	
		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same		
		substrate)))) (428/391,447.ccls. and (((organosilane near polymer)		
		polycarbosilane) and (((metal near oxide) silica siO?sub.2 tiO?sub.2		
		titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide		
		dioxide))) same substrate))) ((((((organosilane near polymer)		
	}	polycarbosilane) same ((silica siO?sub.2 tiO?sub.2 titania zirconia		
		zrO?sub.2 ((silicon metal titanium zirconium) near (oxide dioxide))) same		
		(treated coated modified covered treating coating modifying covering)))		
		and (chromatography chromatographic)) ((((organosilane near polymer) polycarbosilane) and (((metal near oxide) silica siO?sub.2 tiO?sub.2		
		titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide		
	İ	dioxide))) same substrate)) and (chromatography chromatographic))) not		
		(428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)		
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia		
		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same		
		substrate))))) octylallylchlorosilane (((organosilane near polymer)		
		polycarbosilane) and (((silica siO?sub.2 tiO?sub.2 titania zirconia		
		zrO?sub.2 ((silicon metal titanium zirconium) near (oxide dioxide))) same		
		(treated coated modified covered treating coating modifying covering))		
		same ((packaging solid packing) near (phase material)))) (((organosilane		
		near polymer) polycarbosilane) and (((silica siO?sub.2 tiO?sub.2 titania		
		zirconia zrO?sub.2 ((silicon metal titanium zirconium) near (oxide		
		dioxide))) same (treated coated modified covered treating coating modifying covering)) same (support near material))))		
19	49	((organosilane near polymer) polycarbosilane) same ((silica siO?sub.2	USPAT;	2004/05/04 15:00
• /		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	US-PGPUB;	2007/03/04 13:00
		near (oxide dioxide))) same substrate)	EPO; JPO;	
	1	· · · · · · · · · · · · · · · · · · ·	DERWENT	l

20	19	(((silalkylene organosilicon) near polymer) silalkylenesiloxane	USPAT;	2004/05/04 15:00
		polysilalkylenesiloxane polydialkylsilalkylene) same ((silica siO?sub.2	US-PGPUB;	
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	EPO; JPO;	
		near (oxide dioxide))) same substrate)	DERWENT	
21	31	428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)	USPAT;	2004/05/04 15:01
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia	US-PGPUB;	
		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same	EPO; JPO;	
		substrate)))	DERWENT	
22	11	428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)	USPAT;	2004/05/04 15:01
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia	US-PGPUB;	
		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide))) same	EPO; JPO;	
		substrate))	DERWENT	
23	20	(428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)	USPAT;	2004/05/04 15:01
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia	US-PGPUB;	
		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same	EPO; JPO;	
		substrate)))) not (428/391,447.ccls. and (((organosilane near polymer)	DERWENT	
		polycarbosilane) and (((metal near oxide) silica siO?sub.2 tiO?sub.2		
		titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide		
24	4.7	dioxide))) same substrate)))	, ion . m	
24	47	((((((organosilane near polymer) polycarbosilane) same ((silica siO?sub.2	USPAT;	2004/05/04 15:01
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	US-PGPUB;	
		near (oxide dioxide))) same (treated coated modified covered treating	EPO; JPO;	
		coating modifying covering))) and (chromatography chromatographic)) ((((organosilane near polymer) polycarbosilane) and (((metal near oxide)	DERWENT	
		silica siO?sub.2 tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium		
		zirconium) near (oxide dioxide))) same substrate)) and (chromatography		
		chromatographic))) not (428/391,447.ccls. and (((organosilane near		
		polymer) polycarbosilane) and (((metal near oxide) silica siO?sub.2		
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium zirconium) near		
		(oxide dioxide)) same substrate))))		
25	13	((organosilane near polymer) polycarbosilane) and (((silica siO?sub.2	USPAT;	2004/05/04 15:01
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	US-PGPUB;	2004/03/04 13:01
		near (oxide dioxide))) same (treated coated modified covered treating	EPO; JPO;	
		coating modifying covering)) same ((packaging solid packing) near	DERWENT	
•		(phase material)))		
26	3	((organosilane near polymer) polycarbosilane) and (((silica siO?sub.2	USPAT;	2004/05/04 15:01
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	US-PGPUB;	
	^	near (oxide dioxide))) same (treated coated modified covered treating	EPO; JPO;	
		coating modifying covering)) same (support near material))	DERWENT	

27	150	(((organosilane near polymer) polycarbosilane) and (((metal near oxide)	USPAT;	2004/05/04 15:02
		silica siO?sub.2 tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium	US-PGPUB;	
		zirconium) near (oxide dioxide))) same substrate)) not	EPO; JPO;	
		((428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)	DERWENT	
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia		,
		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same		
		substrate)))) (428/391,447.ccls. and (((organosilane near polymer)		
		polycarbosilane) and (((metal near oxide) silica siO?sub.2 tiO?sub.2		
		titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide		
		dioxide))) same substrate))) ((((((organosilane near polymer)		
		polycarbosilane) same ((silica siO?sub.2 tiO?sub.2 titania zirconia		
		zrO?sub.2 ((silicon metal titanium zirconium) near (oxide dioxide))) same		
		(treated coated modified covered treating coating modifying covering)))		
		and (chromatography chromatographic)) ((((organosilane near polymer)		
		polycarbosilane) and (((metal near oxide) silica siO?sub.2 tiO?sub.2		
		titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide		
		dioxide))) same substrate)) and (chromatography chromatographic))) not		
		(428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)		
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia		
	•	zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same		
		substrate))))) octylallylchlorosilane (((organosilane near polymer)		1
		polycarbosilane) and (((silica siO?sub.2 tiO?sub.2 titania zirconia		
		zrO?sub.2 ((silicon metal titanium zirconium) near (oxide dioxide))) same		
		(treated coated modified covered treating coating modifying covering))		
		same ((packaging solid packing) near (phase material)))) (((organosilane		
		near polymer) polycarbosilane) and (((silica siO?sub.2 tiO?sub.2 titania		
		zirconia zrO?sub.2 ((silicon metal titanium zirconium) near (oxide		
		dioxide))) same (treated coated modified covered treating coating		
	,	modifying covering)) same (support near material))))		
28	49	((organosilane near polymer) polycarbosilane) same ((silica siO?sub.2	USPAT;	2004/05/04 15:02
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	US-PGPUB;	
		near (oxide dioxide))) same substrate)	EPO; JPO;	
			DERWENT	
29	19	(((silalkylene organosilicon) near polymer) silalkylenesiloxane	USPAT;	2004/05/04 15:02
		polysilalkylenesiloxane polydialkylsilalkylene) same ((silica siO?sub.2	US-PGPUB;	
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	EPO; JPO;	
		near (oxide dioxide))) same substrate)	DERWENT	

c b

e d

e e

de

c O? b2 O? b2